

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs                                      | Default Operator | Plurals | Time Stamp          |
|-------|------|--|--|------------------|---------|---------------------|
| L3    | 12   | ("1207426"   "2038032"<br>  "2237915"   "2877872"<br>  "4641856"   "4973077"<br>  "5016909").PN. OR<br>("6050558").URPN. | US-PGPUB;<br>USPAT; USOCR                | OR               | OFF     | 2009/09/09<br>11:08 |
| L4    | 10   | ("3270951").URPN.  | USPAT                                    | OR               | OFF     | 2009/09/09<br>11:13 |
| S1    | 4    | ("4517803"   "5540417").<br>PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2008/09/17<br>10:18 |
| S2    | 0    | GB-216136-\$.DID. OR<br>GB-919667-\$.DID. OR<br>GB-2042090-\$.DID OR<br>GB-515 877-\$.DID                                | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2008/09/17<br>16:56 |
| S3    | 0    | GB-216136-\$.DID. OR<br>GB-919667-\$.DID. OR<br>GB-2042090-\$.DID OR<br>GB-515 877-\$.DID.                               | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2008/09/17<br>16:57 |
| S4    | 0    | GB-216136-\$.DID.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2008/09/18<br>08:20 |
| S5    | 0    | GB-216136a-\$.DID.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2008/09/18<br>08:20 |
| S6    | 28   | "267"/\$.ccls. AND<br>(compress\$3 ADJ adjust<br>\$4)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2008/09/18<br>08:42 |
| S7    | 14   | "267"/\$.ccls. AND<br>((compress\$3 OR<br>tension) ADJ adjust\$4)<br>with thread\$3                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2008/09/18<br>08:54 |
| S8    | 225  | "267"/\$.ccls. AND (thread<br>\$3 ADJ4 spring)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2008/09/18<br>09:02 |
| S9    | 9    | ("2902274"   "3163411"<br>  "3503601"   "3572678"<br>  "4162062"  <br>"4273317").PN.                                     | US-PGPUB;<br>USPAT; USOCR                | OR               | OFF     | 2008/09/18<br>09:39 |
| S10   | 10   | ("5263695").URPN.  | USPAT                                    | OR               | OFF     | 2008/09/18<br>09:43 |

|     |     |   |  |    |     |                     |
|-----|-----|---|--|----|-----|---------------------|
| S11 | 48  | ("1047491"   "1189953"<br>  "2509803"   "2684238"<br>  "2832091"   "2872209"<br>  "2896938"   "3010714"<br>  "3043581"   "3096084"<br>  "3160406"   "3163411"<br>  "3347541"   "3464688"<br>  "3679029"   "3781033"<br>  "3801085"   "3951391"<br>  "4020929"   "4431092"<br>  "4438908"   "4630803"<br>  "4683993").PN. OR<br>("4962834").URPN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2008/09/18<br>09:49 |
| S12 | 0   | 188/321.11.ccls AND<br>thread\$4  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/18<br>09:54 |
| S13 | 0   | 188/321.11.ccls   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/18<br>09:55 |
| S14 | 0   | 188/321.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/18<br>09:55 |
| S15 | 468 | 267/221.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/18<br>09:55 |
| S16 | 75  | 267/221.ccls. AND thread<br>\$4 AND adjust\$4   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/18<br>09:55 |
| S17 | 1   | 267/235,234.ccls. AND<br>thread\$4 WITH adjust\$4   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/18<br>09:58 |
| S18 | 101 | ("5178358" "5954082"<br>"4328827" "4580749"<br>"5025962" "5279327"<br>"5381816" "5445117"<br>"5720168" "6003427"<br>"4273028" "4308828"<br>"4364191" "4364341"<br>"4394851" "4454896"<br>"4505380" "4526154"<br>"4574848" "4767097"<br>"4787537" "4794756"<br>"4813447" "4913190"<br>"4915126" "4925099"<br>"4936346" "4953917"<br>"5201605" "5284352"<br>"5333459" "5339515"<br>"5402913" "5413311"<br>"5440878" "5513867"<br>"5586361" "5706852"<br>"5746058" "5810495"<br>"5941691" "5988330") | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/18<br>14:33 |

|     |      |  |  |    |     |                     |
|-----|------|--|--|----|-----|---------------------|
|     |      | "6047545" "6095760"<br>"6117312" "4254790"<br>"4257453" "4284077"<br>"4290520" "4292805" ).<br>pn. |  |    |     |                     |
| S19 | 13   | (NOELLE WITH<br>PHILIPPE).in.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | OFF | 2008/09/18<br>16:08 |
| S20 | 0    | 251/61,61.2,61.3,<br>"336,337".ccls. AND<br>(adjust\$4 WITH spring<br>\$3)                         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | OFF | 2008/09/18<br>16:14 |
| S21 | 0    | 251/61,61.2,61.3,<br>"336,337".ccls. AND<br>(adjust\$4 )   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | OFF | 2008/09/18<br>16:14 |
| S22 | 76   | 251/61.ccls. AND (adjust<br>\$4 )  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | OFF | 2008/09/18<br>16:15 |
| S23 | 320  | 251/61.\$.ccls. AND<br>(adjust\$4 )  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | OFF | 2008/09/18<br>16:47 |
| S24 | 65   | 251/61.\$.ccls. AND<br>(adjust\$4 ADJ4 spring)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | OFF | 2008/09/18<br>16:48 |
| S25 | 65   | 251/61.\$,336,337.ccls.<br>AND (adjust\$4 ADJ4<br>spring)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | OFF | 2008/09/22<br>08:39 |
| S26 | 1    | 251/61.\$.ccls. AND<br>(adjust\$4 ADJ4 spring)<br>WITH thread\$3 AND<br>251/336,337.ccls.          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | OFF | 2008/09/22<br>10:09 |
| S27 | 2    | "3695577".pn.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | OFF | 2008/09/30<br>08:39 |
| S28 | 2    | "3695577".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/04/20<br>09:50 |
| S29 | 9    | ("1003812"   "1026472"<br>  "3478774").PN. OR<br>("3695577").URPN.                                 | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2009/04/20<br>09:50 |
| S30 | 1644 | 251/321,322.ccls.  | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2009/04/20<br>10:14 |
| S31 | 242  | 251/321,322.ccls. and<br>adjust\$4   | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2009/04/20<br>10:14 |
| S32 | 5    | ("1897517").URPN.  | USPAT  | OR | OFF | 2009/04/20<br>13:16 |

|     |      |  |  |    |     |                     |
|-----|------|--|--|----|-----|---------------------|
| S33 | 27   | ("1897517"   "2111560"<br>  "2853268"   "2938539"<br>  "2941543"   "3071147"<br>  "3387622").PN. OR<br>("3857407").URPN. | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2009/04/20<br>13:17 |
| S34 | 4    | ("2938539").URPN.  | USPAT  | OR | OFF | 2009/04/20<br>13:21 |
| S35 | 26   | 251/321,322.ccls. and<br>(spring adj5 thread\$4)   | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2009/04/20<br>13:22 |
| S36 | 5    | ("2694512").URPN.  | USPAT  | OR | OFF | 2009/04/20<br>13:24 |
| S37 | 9    | ("1003812"   "1026472"<br>  "3478774").PN. OR<br>("3695577").URPN.   | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2009/04/20<br>13:27 |
| S38 | 3    | ("1026472").URPN.  | USPAT  | OR | OFF | 2009/04/20<br>13:33 |
| S39 | 9    | "251"/\$.ccls. and<br>((spring adj2 thread\$3)<br>adj5 adjust\$4)  | USPAT  | OR | ON  | 2009/04/20<br>14:39 |
| S40 | 6    | "251"/\$.ccls. and<br>((spring adj2 thread\$3)<br>adj3 adjust\$4)  | USPAT  | OR | ON  | 2009/04/20<br>14:40 |
| S41 | 28   | "251"/\$.ccls. and<br>((spring adj4 thread\$3)<br>adj5 adjust\$4)  | USPAT  | OR | ON  | 2009/04/20<br>14:40 |
| S42 | 23   | "251"/\$.ccls. and pigtail<br>\$3  | USPAT  | OR | ON  | 2009/04/20<br>14:43 |
| S43 | 8    | "1026472".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/04/23<br>13:04 |
| S44 | 2453 | 251/331,322,244.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/09/08<br>09:21 |
| S45 | 0    | 251/331,322,244.ccls.<br>and turbocharger  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2009/09/08<br>09:22 |
| S46 | 184  | 251/331,322,244.ccls.<br>and adjustable  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2009/09/08<br>09:22 |
| S47 | 9    | ("1003812"   "1026472"<br>  "3478774").PN. OR<br>("3695577").URPN.   | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2009/09/08<br>09:47 |
| S48 | 12   | ("3478774").URPN.  | USPAT  | OR | OFF | 2009/09/08<br>09:48 |

|     |     |   |                           |    |     |                     |
|-----|-----|---|---------------------------|----|-----|---------------------|
| S49 | 2   | ("3407845").URPN.   | USPAT                     | OR | OFF | 2009/09/08<br>10:06 |
| S50 | 3   | ("1026472").URPN.   | USPAT                     | OR | OFF | 2009/09/08<br>10:06 |
| S51 | 5   | ("1897517").URPN.   | USPAT                     | OR | OFF | 2009/09/08<br>10:07 |
| S52 | 9   | ("1003812"   "1026472"<br>  "3478774").PN. OR<br>("3695577").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/09/08<br>10:09 |
| S53 | 3   | ("1026472").URPN.   | USPAT                     | OR | OFF | 2009/09/08<br>10:12 |
| S54 | 3   | ("1026472").URPN.   | USPAT                     | OR | OFF | 2009/09/08<br>10:13 |
| S55 | 5   | ("1897517").URPN.   | USPAT                     | OR | OFF | 2009/09/08<br>10:14 |
| S56 | 22  | ("2635630"   "3032060"<br>  "3270951"   "3324651"<br>  "3363412"   "3651636"<br>  "4120156"   "4183216"<br>  "4202176"   "4222240"<br>  "4304097"  <br>"4350135").PN. OR<br>("4517803").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/09/08<br>10:19 |
| S57 | 6   | ("4493339"   "4517803").<br>PN. OR ("5137003").<br>URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/09/08<br>10:22 |
| S58 | 20  | ("2427441"   "3783969"<br>  "3947148"   "4411592"<br>  "4505296"   "4508486"<br>  "4517803"   "4786231"<br>  "4969536").PN. OR<br>("5173021").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/09/08<br>10:23 |
| S59 | 7   | ("2427441").URPN.   | USPAT                     | OR | OFF | 2009/09/08<br>10:26 |
| S60 | 320 | turbocharger and spring<br>and vacuum   | USPAT                     | OR | OFF | 2009/09/08<br>11:01 |
| S61 | 27  | ("0371309"   "0373072"<br>  "2875864"   "2910966"<br>  "3242868"   "3279327"<br>  "4251050"  <br>"4256019").PN. OR<br>("4403538").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/09/08<br>11:17 |
| S62 | 7   | ("2860827"   "4179247"<br>  "4490622"   "4679984"<br>  "4804316"  <br>"6145313").PN. OR<br>("6962481").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/09/08<br>11:58 |

|     |    |  |                           |    |     |                     |
|-----|----|--|---------------------------|----|-----|---------------------|
| S63 | 42 | ("0373072"   "0380488"<br>  "2356124"   "2374708"<br>  "3035408"   "3091077"<br>  "3096614"   "3104520"<br>  "3195805"   "3196606"<br>  "3270495"   "3311030"<br>  "3389553"   "3926094"<br>  "4005578"   "4005579"<br>  "4019323"   "4075849"<br>  "4120156").PN. OR<br>("4256019").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/09/08<br>12:15 |
| S64 | 22 | ("3153988"   "4098085"<br>  "4171936"   "4245953"<br>  "4256019"   "4463564"<br>  "4499732"   "4745753"<br>  "5046317"   "5172552"<br>  "5205125"   "5214919"<br>  "5231831"   "5267829"<br>  "5269144"  <br>"5322255").PN. OR<br>("5746058").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/09/08<br>12:26 |
| S65 | 7  | ("3816034"   "4893474"<br>  "5673559"   "5746058"<br>  "5761983"  <br>"6155048").PN. OR<br>("6883317").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/09/08<br>12:30 |
| S66 | 22 | ("0731218"   "1860004"<br>  "2233649"   "2594641"<br>  "2949928"   "3662761"<br>  "3695577"  <br>"3756273").PN. OR<br>("3937249").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/09/08<br>12:53 |
| S67 | 10 | ("3270951").URPN.  | USPAT                     | OR | OFF | 2009/09/08<br>13:00 |
| S68 | 6  | ("4493339"   "4517803").<br>PN. OR ("5137003").<br>URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/09/08<br>13:48 |
| S69 | 1  | 251/61.3.ccls. and<br>turbocharger   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/09/08<br>14:00 |
| S70 | 24 | 251/61.3.ccls. and<br>exhaust  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/09/08<br>14:00 |
| S71 | 22 | ("3153988"   "4098085"<br>  "4171936"   "4245953"<br>  "4256019"   "4463564"<br>  "4499732"   "4745753"<br>  "5046317"   "5172552"<br>  "5205125"   "5214919"<br>  "5231831"   "5267829"<br>  "5269144"  <br>"5322255").PN. OR<br>("5746058").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/09/08<br>14:25 |

|     |     |   |                           |    |     |                     |
|-----|-----|---|---------------------------|----|-----|---------------------|
| S72 | 28  | ("0627390"   "2021532"<br>  "2351817"   "2767735"<br>  "3123092"  <br>"3270495").PN. OR<br>("4098085").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/09/08<br>14:56 |
| S73 | 21  | ("1955037"   "2223381"<br>  "2380967"   "2383898"<br>  "2390166"  <br>"2538377").PN. OR<br>("4142494").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/09/08<br>15:39 |
| S74 | 28  | ("1843646"   "3880129"<br>  "3982515"   "4116182"<br>  "4142494"   "4205644"<br>  "4215550"   "4222356"<br>  "4249382"   "4350013"<br>  "4466415"  <br>"4484445").PN. OR<br>("5163295").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/09/08<br>15:45 |
| S75 | 22  | ("1322810"   "2846185"<br>  "2861774"   "2996996"<br>  "4292807").PN. OR<br>("4499732").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/09/08<br>16:03 |
| S76 | 3   | ("1026472").URPN.   | USPAT                     | OR | OFF | 2009/09/08<br>16:11 |
| S77 | 858 | internal and (wastegate<br>or waste adj1 gate)  | USPAT                     | OR | OFF | 2009/09/08<br>16:28 |
| S78 | 302 | internal and (wastegate<br>or waste adj1 gate) and<br>valve and spring  | USPAT                     | OR | OFF | 2009/09/08<br>16:28 |
| S79 | 13  | (internal adj3 (wastegate<br>or (waste adj1 gate)))<br>and valve and spring   | USPAT                     | OR | ON  | 2009/09/08<br>16:29 |
| S80 | 12  | ("3119594"   "3334858"<br>  "4174091"   "4377070"<br>  "4490622"   "4544326"<br>  "4637210"   "4907952"<br>  "5501427"  <br>"6499299").PN. OR<br>("6976359").URPN.                            | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/09/08<br>16:32 |
| S81 | 18  | (wastegate or (waste<br>adj1 gate)) and (spring<br>with thread\$3)  | USPAT                     | OR | ON  | 2009/09/08<br>16:45 |

|     |    |   |                           |    |     |                     |
|-----|----|---|---------------------------|----|-----|---------------------|
| S82 | 31 | ("2206414"   "2305295"<br>  "2774618"   "3068638"<br>  "3218029"   "3673798"<br>  "4294073"   "4304097"<br>  "4373329"   "4503680"<br>  "4512716"   "4514986"<br>  "4530640"   "4655040"<br>  "4689959"   "4850797"<br>  "D316418").PN. OR<br>("5673559").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/09/08<br>16:56 |
| S83 | 6  | ("4493339"   "4517803").<br>PN. OR ("5137003").<br>URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/09/09<br>08:35 |
| S84 | 14 | ("2619983"   "2667898"<br>  "3035408"  <br>"3386465").PN. OR<br>("4084378").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/09/09<br>09:46 |
| S85 | 8  | ("3386465").URPN.   | USPAT                     | OR | OFF | 2009/09/09<br>09:49 |
| S86 | 23 | ("0926315"   "0963528"<br>  "2788798"   "3032054"<br>  "3098499"   "3386465"<br>  "3580271"   "3587628"<br>  "3741240"  <br>"T883025").PN. OR<br>("3971410").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/09/09<br>09:51 |
| S87 | 23 | ("0347840"   "2189129"<br>  "2788798"   "2832641"<br>  "2896661"   "3756273"<br>  "3971410"   "4059017"<br>  "4067355").PN. OR<br>("4195656").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/09/09<br>09:57 |

9/ 9/ 2009 12:08:30 PM

C:\ Documents and Settings\jbaskin\ My Documents\ EAST\ Workspaces\ 10-575909.wsp